| S80 | 0 | (((internet or www) and multicast\$)) and qualified.ab. | USPAT | OR | ON | 2003/11/19 09:21 |
|----------|------|--|-------|----|-----|------------------|
| S81 | 0 | (((internet or www) and multicast\$)) and qualif\$.ab. | USPAT | OR | ON | 2003/11/19 09:21 |
| S82 | 1 | "6275859".pn. | USPAT | OR | ON | 2004/08/20 14:27 |
| S83 | 8 | 709/225,226,227,229,231,232.ccls. and ((multicast\$ or broadcast\$) and (authoriz\$ or validat\$ or authenticat\$)).ab. | USPAT | OR | ON | 2004/08/20 14:41 |
| S84 | 59 | (internet or www) and ((multicast\$ or broadcast\$) and (authoriz\$ or validat\$ or authenticat\$)).ab. | USPAT | OR | ON | 2004/08/20 14:51 |
| S85 | .52 | ((internet or www) and ((multicast\$ or broadcast\$) and (authoriz\$ or validat\$ or authenticat\$)).ab.) not (709/225, 226,227,229,231,232.ccls. and ((multicast\$ or broadcast\$) and (authoriz\$ or validat\$ or authenticat\$)).ab.) | USPAT | OR | ON | 2004/08/20 14:45 |
| S86 | 89 | (internet or www) and ((multicast\$ or broadcast\$) and (authoriz\$ or validat\$ or authenticat\$ or verif\$)).ab. | USPAT | OR | ON | 2005/04/29 08:21 |
| S87 | 30 | ((internet or www) and ((multicast\$ or broadcast\$) and (authoriz\$ or validat\$ or authenticat\$ or verif\$)).ab.) not ((internet or www) and ((multicast\$ or broadcast\$) and (authoriz\$ or validat\$ or authenticat\$)).ab.) | USPAT | OR | ON | 2004/08/20 14:51 |
| S88 | 1 | "6744892".pn. | USPAT | OR | ON | 2005/04/29 08:06 |
| S89 | 4881 | 709/225,226,227,229,231,232.ccls. | USPAT | OR | OFF | 2005/04/29 08:21 |
| S90 | 97 | (internet or www) and ((multicast\$ or broadcast\$) and (authoriz\$ or validat\$ or authenticat\$ or verif\$)).ab. | USPAT | OR | ON | 2005/04/29 08:21 |
| S91 | 1 | S90 and (symmetric adj key) | USPAT | OR | ON | 2005/04/29 08:24 |
| S92 | 65 | S90 and (key) | USPAT | OR | ON | 2005/04/29 09:36 |
| S93 | 9946 | saito.in. | USPAT | OR | ON | 2005/04/29 08:31 |
| S94 | 3155 | S93 and right | USPAT | OR | ON | 2005/04/29 08:31 |
| S95 | 0 | S93 and (right adj management) | USPAT | OR | ON | 2005/04/29 08:32 |
| S96 | 24 | S93 and (copyright adj management) | USPAT | OR | ON | 2005/04/29 08:32 |
| S97 | 15 | S96 and (broadcast or multicast) | USPAT | OR | ON | 2005/04/29 09:34 |
| S98 | 0 | S97 and (stream) | USPAT | OR | ON | 2005/04/29 09:34 |
| S99 | 0 | S97 and (stream\$) | USPAT | OR | ON | 2005/04/29 09:34 |
| S10 0 | 50 | S92 and stream | USPAT | OR | ON | 2005/04/29 09:36 |
| S10 1 | 49 | S100 and (broadcast or multicast) | USPAT | OR | ON | 2005/04/29 12:41 |

| S10 2 | 6235 | ((packet or frame) and (segment\$ or divid\$ or fragment\$)).ab. | USPAT | OR | ON | 2005/04/29 13:10 |
|----------|------|---|-------|----|----|------------------|
| S10 3 | 27 | S102 and optimal.ab. | USPAT | OR | ON | 2005/04/29 13:10 |
| S10 4 | 3064 | ((packet or frame) and (segment\$ or fragment\$)).ab. | USPAT | OR | ON | 2005/04/29 13:10 |
| S10 5 | 12 | S104 and optimal.ab. | USPAT | OR | ON | 2005/04/29 13:11 |
| S10 6 | 191 | S104 and size.ab. | USPAT | OR | ON | 2005/04/29 14:03 |
| S10 7 | 21 | S106 and maximum.ab. | USPAT | OR | ON | 2005/04/29 14:10 |
| S10 8 | 1694 | (email or e-mail or (electronic adj mail) or (electronic adj message)).ab. | USPAT | OR | ON | 2005/04/29 14:11 |
| S10 9 | 130 | S108 and (wireless or radio).ab. | USPAT | OR | ON | 2005/04/29 14:14 |
| S11 0 | 9 | S109 and card.ab. | USPAT | OR | ON | 2005/04/29 14:14 |
| S11 | 138 | S108 and (wireless or portable).ab. | USPAT | OR | ON | 2005/04/29 14:14 |
| S11 2 | 13 | S109 and pc.ab. | USPAT | OR | ON | 2005/04/29 15:08 |
| S11 3 | 0 | (multicast and groupd).ab. | USPAT | OR | ON | 2005/04/29 15:08 |
| S11 4 | 167 | (multicast and group).ab. | USPAT | OR | ON | 2005/04/29 15:08 |
| S11 5 | 89 | (multicast adj group).ab. | USPAT | OR | ON | 2005/05/02 07:24 |
| S11 6 | 2 | S115 and (symmetric same key) | USPAT | OR | ON | 2005/04/29 15:09 |
| S11 7 | 2 | S115 and pass.ab. | USPAT | OR | ON | 2005/04/29 15:14 |
| S11 8 | 0 | S115 and ticket.ab. | USPAT | OR | ON | 2005/04/29 15:14 |
| | i . | | | | | |